



Marcus Spectrum Solutions, LLC

Consulting Services in Radio Technology and Policy 8026 Cypress Grove Lane Cabin John, MD 20818 USA August 22, 2014

VIA ECFS EX PARTE

Ms. Marlene H. Dortch Secretary Federal Communications Commission 445 12th Street, SW, Room TW-A325 Washington, DC 20554

Re: Dockets 18-21, 18-22

Dear Ms. Dortch:

On March 22, 2018 the undersigned met with Will Adams of Comm. Carr's staff and Paul Murray, Michael Ha, Nicholas Oros Jamison Prime and Julius Knapp of OET. The attached document was distributed and fairly represents the issues discussed.

Sincerely,

/S/

Michael J. Marcus, Sc.D., F-IEEE Director

cc:

Will Adams Paul Murray Michael Ha Nicholas Oros Jamison Prime Julius Knapp